

**IAP5 Rec'd PCT/PTO 26 SEP 2006**

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**10/594359**

APPLICANT(S) : Mats Bäckman et al.  
TITLE : POLYMER COMPOSITION  
APPLICATION NO. : To be assigned  
FILED : Herewith  
INTERNATIONAL APPLICATION NO. : PCT/EP2004/003252  
INTERNATIONAL FILING DATE : 26 March 2004

Cleveland, OH 44114  
September 26, 2006

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56, 1.97, 1.98 and MPEP § 609, applicant(s) submit(s) the following Disclosure Statement concerning art of which the applicant(s) is (are) aware. A copy of PTO/SB/08 Form (renumbered from 1449) is enclosed.

This Information Disclosure Statement should not be construed to be an admission that any information referred to herein or submitted herewith is "prior art" or is considered to be material to patentability for this invention.

The United States Patent and Trademark Office OG Notice dated 12 October 2004 published a final rule revising 37 C.F.R. 1.98 dealing with the content of Disclosure Statements. Paragraph (a)(2) was revised to read in part, "A legible copy of: (i) Each foreign patent; (ii) Each publication or that portion which caused it to be listed, other than U.S. patents and U.S. patent application publications unless required by the Office." Therefore, Applicant(s) has (have) not enclosed copies of the cited U.S. patents and published patent applications with this Information Disclosure Statement.

10/594359

IAP5 Rec'd PCT/PTO 26 SEP 2006

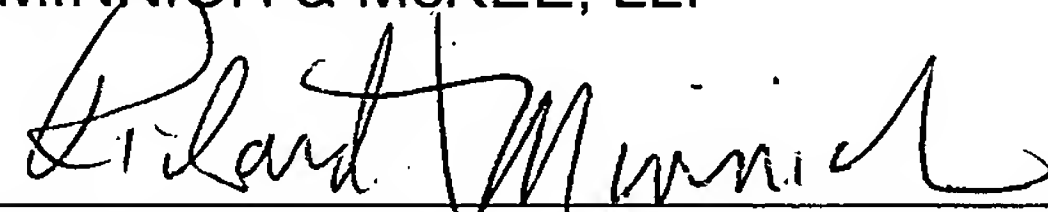
In accordance with 37 C.F.R. §1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(b) exists.

Under § 1.97(b)(1), this Information Disclosure Statement is being filed within three months of the filing date of entry of the national stage. Although it is believed no fee is necessary, any deficiency in fees should be charged to Deposit Account No. 06-0308.

It is respectfully requested that the attached document(s) be considered and officially cited in examination of this application.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP



Richard J. Minnich, Reg. No. 24,175  
1100 Superior Avenue  
Seventh Floor  
Cleveland, OH 44114-2579  
216-861-5582

September 26, 2006  
Date

CERTIFICATE OF MAILING	
I hereby certify that this correspondence (and any item referred to herein as being attached or enclosed) is (are) being deposited with the United States Postal Service "Express Mail" service under 37 CFR 1.10, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.	
Express Mail Label No.: EV 830315138 US	Signature: 
Date: September 26, 2006	Name: Caroline A. Schweter

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)</b>	<div style="text-align: right; font-size: small;">Complete if Known</div> <div style="text-align: right; font-size: x-large; font-weight: bold;">             10/594359              26 SEP 2006           </div> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td style="width: 50%;">Filed herewith</td> </tr> <tr> <td>Filing Date</td> <td>Mats Bäckman</td> </tr> <tr> <td>First Named Inventor</td> <td>Unknown</td> </tr> <tr> <td>Art Unit</td> <td>Unknown</td> </tr> <tr> <td>Examiner Name</td> <td>KADZ 200050</td> </tr> </table>	Application Number	Filed herewith	Filing Date	Mats Bäckman	First Named Inventor	Unknown	Art Unit	Unknown	Examiner Name	KADZ 200050
Application Number	Filed herewith										
Filing Date	Mats Bäckman										
First Named Inventor	Unknown										
Art Unit	Unknown										
Examiner Name	KADZ 200050										
Sheet 1 of 3	Attorney Docket No.										

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	AA	US-		
	AB	US-		
	AC	US-		
	AD	US-		
	AE	US-		
	AF	US-		
	AG	US-		
	AH	US-		
	AI	US-		
	AJ	US-		
	AK	US-		

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T
	AL	EP 0 810 235	11-24-2004	Dian-Barrios et al.	
	AM	EP 1 460 105	09-22-2004	Bäckman et al.	<input type="checkbox"/>
	AN	EP 1 359 191	11-05-2003	Siberdt et al.	<input type="checkbox"/>
	AO	WO 02/102891	12-27-2002	Mattioli et al.	<input type="checkbox"/>
	AP	WO 02/34829	05-02-2002	Miserque et al.	<input type="checkbox"/>

### OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published	T
	AQ	International Search Report corresponding to International Application No. PCT/EP2004/003252	<input type="checkbox"/>
	AR	SCHIERS et al., PE100 Resins for Pipe Applications, TRIP Vol. 4, No. 12 (1996) pp. 408-415	<input type="checkbox"/>
	AS	GITHUKU et al., Elimination of Sag in Plastic Pipe Extrusion, Intern. Polymer Processing VII (1992) 2, 140-143.	<input type="checkbox"/>
	AT	PITTMAN et al., Cooling and Wall Thickness Uniformity in Plastic Pipe Manufacture, Intern. Polymer Processing IX (1994) 2, 130-140	<input type="checkbox"/>
	AU	Encyclopedia of Polymer Science and Engineering, 2 <sup>nd</sup> Ed., Vol. 14, pp. 492-509	<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)</b>		Substitute for form 1449A/PTO		Application Number		To be assigned	
		Filing Date		Filed herewith			
		First Named Inventor		Mats Bäckman			
		Art Unit		Unknown			
		Examiner Name		Unknown			
Sheet 2 of 3				Attorney Docket No.		KADZ 200050	
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document			
	BA	US-					
	BB	US-					
	BC	US-					
	BD	US-					
	BE	US-					
	BF	US-					
	BG	US-					
	BH	US-					
	BI	US-					
	BJ	US-					
	BK	US-					
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T		
		Country Code-Number Kind Code (if known)					
	BL	EP 0 949 274	10-13-1999	Lindroos et al.	<input type="checkbox"/>		
	BM	WO 96/18662	06-20-1996	Palmroos et al.	<input type="checkbox"/>		
	BN	EP 0 739 937	04-15-1996	Berthold et al. (English summary attached)	<input type="checkbox"/>		
	BO	EP 0 688 794	06-20-1995	Garoff et al.	<input type="checkbox"/>		
	BP	WO 95/12622	05-11-1995	Kallio et al.	<input type="checkbox"/>		
<b>OTHER - NON PATENT LITERATURE DOCUMENTS</b>							
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T	
	BQ					<input type="checkbox"/>	
	BR					<input type="checkbox"/>	
	BS					<input type="checkbox"/>	
	BT					<input type="checkbox"/>	
	BU					<input type="checkbox"/>	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S)</b>	Application Number	To be assigned
	Filing Date	Filed herewith
	First Named Inventor	Mats Bäckman
	Art Unit	Unknown
	Examiner Name	Unknown
	Attorney Docket No.	KADZ 200050
Sheet 3 of 3		

APR 5 10 59 AM '06  
PCT/PTO 26 SEP 2006  
10/594359

### U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document No. Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	CA	US-		
	CB	US-		
	CC	US-		
	CD	US-		
	CE	US-		
	CF	US-		
	CG	US-		
	CH	US-		
	CI	US-		
	CJ	US-		
	CK	US-		

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document Country Code-Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T
	CL	WO 92/12182	07-23-1992	Ahvenainen et al.	<input type="checkbox"/>
	CM	EP 0 517 868	11-15-1995	Ahvenainen et al.	<input type="checkbox"/>
	CN				<input type="checkbox"/>
	CO				<input type="checkbox"/>
	CP				<input type="checkbox"/>

### OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (where appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T
	CQ		<input type="checkbox"/>
	CR		<input type="checkbox"/>
	CS		<input type="checkbox"/>
	CT		<input type="checkbox"/>
	CU		<input type="checkbox"/>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--